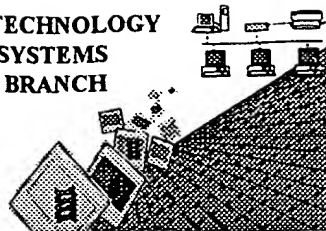# RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/270,437C_
Source: _1600 RUSH_
Date Processed by STIC: _8/28/2002_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: **patin21help@uspto.gov** or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: **patin3help@uspto.gov** or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
        http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
    U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
            Or
    U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service t** : U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

09/270 437

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

☐ 1. This application clearly fails to comply with the requirements of 37 CFR 1.821 – 1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.

☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).

☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).

☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."

☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).

☐ 7.

Other: ——————————————————————————————————————

Applicant must provide:

☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing"

☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification

☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact:

For Rules Interpretation, call (703) 308-1123
For CRF submission help, call (703) 308-4212
For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.

Canella (handwritten)

1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/270,437C

DATE: 08/28/2002
TIME: 10:16:39

Input Set : A:\EP.txt
Output Set: N:\CRF3\08282002\I270437C.raw

```
  1 <110> APPLICANT: Chen, Yao-Tseng
  2        Gure, Ali
  3        Tsang, Solam
  4        Stockert, Elisabeth
  5        Jager, Elke
  6        Knuth, Alexander
  7        Old, Lloyd J.
  9 <120> TITLE OF INVENTION: Isolated Nucleic Acid Molecules Encoding Cancer Associated
Antigen, The
 10        Antigens Per Se, And Uses Thereof
 12 <130> FILE REFERENCE: LUD 5538.1
 14 <140> CURRENT APPLICATION NUMBER: 09/270,437C
 16 <141> CURRENT FILING DATE: 1999-03-16
 18 <150> PRIOR APPLICATION NUMBER: 09/061,709
 20 <151> PRIOR FILING DATE: 1998-04-17
 22 <160> NUMBER OF SEQ ID NOS: 23
```

Does No. Comply (handwritten stamp)
Corrected Di kette Needed (handwritten stamp)
pp 1-5 (handwritten)

OK -> (handwritten, line 16)

ERRORED SEQUENCES

```
      577 <210> SEQ ID NO: 9
      578 <211> LENGTH: 21   20 shown
      579 <212> TYPE: DNA
      580 <213> ORGANISM: Homo sapiens
W-->  581 <220> FEATURE:
W-->  582 <400> SEQUENCE: 9
E-->  583 gaagtatct tcaaggacgc c           21  20
      669 <210> SEQ ID NO: 19
      670 <211> LENGTH: 24   23
      671 <212> TYPE: DNA
      672 <213> ORGANISM: artificial sequence
W-->  673 <220> FEATURE:
W-->  674 <221> NAME/KEY: adaptor
      675 <222> LOCATION: 1...24
W-->  676 <223> OTHER INFORMATION:
W-->  676 <400> SEQUENCE: 19
E-->  677 accgacgtcg actatcatg catg          24  23
```

(handwritten annotations:)

IMPORTANT: All nucleotides need to be in lower-case letters, when Sequence Listing is in "new" format.

This error also exists in other sequences —

8/28/02

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/28/2002
PATENT APPLICATION: US/09/270,437C   TIME: 10:16:40

Input Set : A:\EP.txt
Output Set: N:\CRF3\08282002\I270437C.raw

Use of <220> Feature(NEW RULES):

Sequence(s)__are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or"Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:15,16,17,18,19,20,21,22,23

Explanation needs to be on <223> line (handwritten note)

VARIABLE LOCATION SUMMARY   DATE: 08/28/2002
PATENT APPLICATION: US/09/270,437C   TIME: 10:16:40

Input Set : A:\EP.txt
Output Set: N:\CRF3\08282002\I270437C.raw

Use of n's or Xaa's(NEW RULES):
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

Seq#:4; N Pos. 3347,3502,3506,3520,3538,3549,3646,3940,3968,3974,4036,4056
Seq#:4; N Pos. 4062,4080,4088,4115
Seq#:5; N Pos. 1384,1464,1533,1571,1595
Seq#:6; N Pos. 3372
Seq#:7; N Pos. 1622,1702,1771,1809,1833
Seq#:8; N Pos. 3243

<210> 4
<211> 4159
<212> DNA
<213> Homo sapiens
<220>

see P.5

<400> 4

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TTACTGTGTT TGTGTATTTT AAAGGCGAGA AGACGAGGGG AACAAAACCA GCTGGATCCA  180
TCCATCACCG TGGGTGGTTT TAATTTTTCG TTTTTTCTCG TTATTTTTTT TTAAACAACC  240
ACTCTTCACA ATGAACAAAC TGTATATCGG AAACCTCAGC GAGAACGCCG CCCCCTCGGA  300
CCTAGAAAGT ATCTTCAAGG ACGCCAAGAT CCCGGTGTCG GGACCCTTCC TGGTGAAGAC  360
TGGCTACGCG TTCGTGGACT GCCCGGACGA GAGCTGGGCC CTCAAGGCCA TCGAGGCGCT  420
TTCAGGTAAA ATAGAACTGC ACGGGAAACC CATAGAAGTT GAGCACTCGG TCCCAAAAAG  480
GCAAAGGATT CGGAAACTTC AGATACGAAA TATCCCGCCT CATTTACAGT GGGAGGTGCT  540
GGATAGTTTA CTAGTCCAGT ATGGAGTGGT GGAGAGCTGT GAGCAAGTGA ACACTGACTC  600
GGAAACTGCA GTTGTAAATG TAACCTATTC CAGTAAGGAC CAAGCTAGAC AAGCACTAGA  660
CAAACTGAAT GGATTTCAGT TAGAGAATTT CACCTTGAAA GTAGCCTATA TCCCTGATGA  720
AATGGCCGCC CAGCAAAACC CCTTGCAGCA GCCCCGAGGT CGCCGGGGGC TTGGGCAGAG  780
GGGCTCCTCA AGGCAGGGGT CTCCAGGATC CGTATCCAAG CAGAAACCAT GTGATTTGCC  840
TCTGCGCCTG CTGGTTCCCA CCCAATTTGT TGGAGCCATC ATAGGAAAAG AAGGTGCCAC  900
CATTCGGAAC ATCACCAAAC AGACCCAGTC TAAAATCGAT GTCCACCGTA AAGAAAATGC  960
GGGGGCTGCT GAGAAGTCGA TTACTATCCT CTCTACTCCT GAAGGCACCT CTGCGGCTTG 1020
TAAGTCTATT CTGGAGATTA TGCATAAGGA AGCTCAAGAT ATAAAATTCA CAGAAGAGAT 1080
CCCCTTGAAG ATTTTAGCTC ATAATAACTT TGTTGGACGT CTTATTGGTA AGAAGGAAG  1140
AAATCTTAAA AAAATTGAGC AAGACACAGA CACTAAAATC ACGATATCTC CATTGCAGGA 1200
ATTGACGCTG TATAATCCAG AACGCACTAT TACAGTTAAA GGCAATGTTG AGACATGTGC 1260
CAAAGCTGAG GAGGAGATCA TGAAGAAAAT CAGGGAGTCT TATGAAAATG ATATTGCTTC 1320
TATGAATCTT CAAGCACATT TAATTCCTGG ATTAAATCTG AACGCCTTGG GTCTGTTCCC 1380

ACCCACTTCA GGGATGCCAC CTCCCACCTC AGGGCCCCCT TCAGCCATGA CTCCTCCCTA 1440
CCCGCAGTTT GAGCAATCAG AAACGGAGAC TGTTCATCAG TTTATCCCAG CTCTATCAGT 1500
CGGTGCCATC ATCGGCAAGC AGGGCCAGCA CATCAAGCAG CTTTCTCGCT TTGCTGGAGC 1560
TTCAATTAAG ATTGCTCCAG CGGAAGCACC AGATGCTAAA GTGAGGATGG TGATTATCAC 1620
TGGACCACCA GAGGCTCAGT TCAAGGCTCA GGGAAGAATT TATGGAAAAA TTAAAGAAGA 1680
AAACTTTGTT AGTCCTAAAG AAGAGGTGAA ACTTGAAGCT CATATCAGAG TGCCATCCTT 1740
TGCTGCTGGC AGAGTTATTG GAAAAGGAGG CAAAACGGTG AATGAACTTC AGAATTTGTC 1800
AAGTGCAGAA GTTGTTGTCC CTCGTGACCA GACACCTGAT GAGAATGACC AAGTGGTTGT 1860
CAAAATAACT GGTCACTTCT ATGCTTGCCA GGTTGCCCAG AGAAAAATTC AGGAAATTCT 1920
GACTCAGGTA AAGCAGCACC AACAACAGAA GGCTCTGCAA AGTGGACCAC CTCAGTCAAG 1980
ACGGAAGTAA AGGCTCAGGA AACAGCCCAC CACAGAGGCA GATGCCAAAC CAAAGACAGA 2040
TTGCTTAACC AACAGATGGG CGCTGACCCC CTATCCAGAA TCACATGCAC AAGTTTTTAC 2100
CTAGCCAGTT GTTTCTGAGG ACCAGCCAAC TTTTGAACTC CTGTCTCTGT GAGAATGTAT 2160
ACTTTATGCT CTCTGAAATG TATGACACCC AGCTTTAAAA CAAACAAACA AACAAACAAA 2220
AAAAGGGTGG GGGAGGGAGG GAAAGAGAAG AGCTCTGCAC TTCCCTTTGT TGTAGTCTCA 2280
CAGTATAACA GATATTCTAA TTCTTCTTAA TATTCCCCCA TAATGCCAGA AATTGGCTTA 2340
ATGATGCTTT CACTAAATTC ATCAAATAGA TTGCTCCTAA ATCCAATTGT TAAAATTGGA 2400
TCAGAATAAT TATCACAGGA ACTTAAATGT TAAGCCATTA GCATAGAAAA ACTGTTCTCA 2460
GTTTTATTTT TACCTAACAC TAACATGAGT AACCTAAGGG AAGTGCTGAA TGGTGTTGGC 2520
AGGGGTATTA AACGTGCATT TTTACTCAAC TACCTCAGGT ATTCAGTAAT ACAATGAAAA 2580
GCAAAATTGT TCCTTTTTTT TGAAAATTTT ATATACTTTA TAATGATAGA AGTCCAACCG 2640
TTTTTTAAAA AATAAATTTA AAATTTAACA GCAATCAGCT AACAGGCAAA TTAAGATTTT 2700
TACTTCTGGC TGGTGACAGT AAAGCTGGAA AATTAATTTC AGGGTTTTTT GAGGCTTTTG 2760
ACACAGTTAT TAGTTAAATC AAATGTTCAA AAATACGGAG CAGTGCCTAG TATCTGGAGA 2820
GCAGCACTAC CATTTATTCT TTCATTTATA GTTGGGAAAG TTTTTGACGG TACTAACAAA 2880
```

```
GTGGTCGCAG GAGATTTTGG AACGGCTGGT TTAAATGGCT TCAGGAGACT TCAGTTTTTT 2940
GTTTAGCTAC ATGATTGAAT GCATAATAAA TGCTTTGTGC TTCTGACTAT CAATACCTAA 3000
AGAAAGTGCA TCAGTGAAGA GATGCAAGAC TTTCAACTGA CTGGCAAAAA GCAAGCTTTA 3060
GCTTGTCTTA TAGGATGCTT AGTTTGCCAC TACACTTCAG ACCAATGGGA CAGTCATAGA 3120
TGGTGTGACA GTGTTTAAAC GCAACAAAAG GCTACATTTC CATGGGGCCA GCACTGTCAT 3180
GAGCCTCACT AAGCTATTTT GAAGATTTTT AAGCACTGAT AAATTAAAAA AAAAAAAAAA 3240
AAATTAGACT CCACCTTAAG TAGTAAAGTA TAACAGGATT TCTGTATACT GTGCAATCAG 3300
TTCTTTGAAA AAAAAGTCAA AAGATAGAGA ATACAAGAAA AGTTTTNGGG ATATAATTTG 3360
AATGACTGTG AAAACATATG ACCTTTGATA ACGAACTCAT TTGCTCACTC CTTGACAGCA 3420
AAGCCCAGTA CGTACAATTG TGTTGGGTGT GGGTGGTCTC CAAGGCCACG CTGCTCTCTG 3480
AATTGATTTT TTGAGTTTTG GNTTCNAAGA TGATCACACN CATGTTACAC TGATCTTNAA 3540
GGACATATNT TATAACCCTT TAAAAAAAAA ATCCCCTGCC TCATTCTTAT TTCGAGATGA 3600
ATTTCGATAC AGACTAGATG TCTTTCTGAA GATCAATTAG ACATTNTGAA AATGATTTAA 3660
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CCCTTTTTGT CACTGGTTTC TCCTAGCATT CATGATTTTT TTTTCACACA ATGAATTAAA 3780
ATTGCTAAAA TCATGGACTG GCTTTCTGGT TGGATTTCAG GTAAGATGTG TTTAAGGCCA 3840
GAGCTTTTCT CAGTATTTGA TTTTTTTCCC CAATATTTGA TTTTTTAAAA ATATACACAT 3900
AGGAGCTGCA TTTAAAACCT GCTGGTTTAA ATTCTGTCAN ATTTCACTTC TAGCCTTTTA 3960
GTATGGCNAA TCANAATTTA CTTTTACTTA AGCATTTGTA ATTTGGAGTA TCTGGTACTA 4020
GCTAAGAAAT AATTCNATAA TTGAGTTTTG TACTCNCCAA ANATGGGTCA TTCCTCATCN 4080
ATAATGTNCC CCCAATGCAG CTTCATTTTC CAGANCCTT GACGCAGGAT AAATTTTTTC 4140
ATCATTTAGG TCCCCAAAA                                              4159
```

Input Set : **A:\EP.txt**
Output Set: **N:\CRF3\08282002\I270437C.raw**

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:29 M:283 W: Missing Blank Line separator, <220> field identifier
L:30 M:283 W: Missing Blank Line separator, <400> field identifier
L:32 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=1
L:111 M:283 W: Missing Blank Line separator, <220> field identifier
L:112 M:283 W: Missing Blank Line separator, <400> field identifier
L:271 M:283 W: Missing Blank Line separator, <220> field identifier
L:272 M:283 W: Missing Blank Line separator, <400> field identifier
L:283 M:283 W: Missing Blank Line separator, <220> field identifier
L:284 M:283 W: Missing Blank Line separator, <400> field identifier
L:286 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=4
L:343 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:343 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:343 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3300
L:346 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:346 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:346 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3480
L:347 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:347 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:347 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3540
L:348 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:348 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:348 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3600
L:353 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:353 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:353 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3900
L:354 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:354 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:354 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:354 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:3960
L:355 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:355 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:355 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:4020
L:356 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4
L:356 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4
L:356 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:4
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:4080
L:364 M:283 W: Missing Blank Line separator, <220> field identifier
L:365 M:283 W: Missing Blank Line separator, <400> field identifier
L:367 M:112 C: (48) String data converted to lower case,

Input Set : A:\EP.txt
Output Set: N:\CRF3\08282002\I270437C.raw

M:112 Repeated in SeqNo=5
L:392 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:5
L:392 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:5
L:392 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1380
L:393 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:5
L:393 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:5
L:393 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1440
L:394 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:5
L:394 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:5
L:394 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1500
L:395 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:5
L:395 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:5
L:395 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:5
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:1560
L:404 M:283 W: Missing Blank Line separator, <220> field identifier
L:405 M:283 W: Missing Blank Line separator, <400> field identifier
L:407 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=6
L:465 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:6
L:465 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:6
L:465 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:6
L:465 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:3360
L:472 M:283 W: Missing Blank Line separator, <220> field identifier
L:473 M:283 W: Missing Blank Line separator, <400> field identifier
L:475 M:112 C: (48) String data converted to lower case, ·
M:112 Repeated in SeqNo=7
L:504 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:7
L:504 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:7
L:504 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:1620
L:505 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:7
L:505 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:7
L:505 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:1680
L:506 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:7
L:506 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:7
L:506 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:7
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:1740
L:507 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:7
L:507 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:7
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:1800
L:516 M:283 W: Missing Blank Line separator, <220> field identifier
L:517 M:283 W: Missing Blank Line separator, <400> field identifier
L:519 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=8
L:575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:3240

Input Set : **A:\EP.txt**
Output Set: **N:\CRF3\08282002\I270437C.raw**

L:581 M:283 W: Missing Blank Line separator, <220> field identifier
L:582 M:283 W: Missing Blank Line separator, <400> field identifier
L:583 M:254 E: No. of Bases conflict, LENGTH:Input:21 Counted:20 SEQ:9
L:583 M:252 E: No. of Seq. differs, <211> LENGTH:Input:21 Found:20 SEQ:9
L:589 M:283 W: Missing Blank Line separator, <220> field identifier
L:590 M:283 W: Missing Blank Line separator, <400> field identifier
L:597 M:283 W: Missing Blank Line separator, <220> field identifier
L:598 M:283 W: Missing Blank Line separator, <400> field identifier
L:605 M:283 W: Missing Blank Line separator, <220> field identifier
L:606 M:283 W: Missing Blank Line separator, <400> field identifier
L:613 M:283 W: Missing Blank Line separator, <220> field identifier
L:614 M:283 W: Missing Blank Line separator, <400> field identifier
L:623 M:283 W: Missing Blank Line separator, <220> field identifier
L:624 M:283 W: Missing Blank Line separator, <400> field identifier
L:631 M:283 W: Missing Blank Line separator, <220> field identifier
L:632 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:15
L:634 M:283 W: Missing Blank Line separator, <400> field identifier
L:641 M:283 W: Missing Blank Line separator, <220> field identifier
L:642 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:16
L:644 M:283 W: Missing Blank Line separator, <400> field identifier
L:651 M:283 W: Missing Blank Line separator, <220> field identifier
L:652 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17
L:654 M:283 W: Missing Blank Line separator, <400> field identifier
L:662 M:283 W: Missing Blank Line separator, <220> field identifier
L:663 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:18
L:665 M:283 W: Missing Blank Line separator, <400> field identifier
L:673 M:283 W: Missing Blank Line separator, <220> field identifier
L:674 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:19
L:676 M:283 W: Missing Blank Line separator, <400> field identifier
L:677 M:254 E: No. of Bases conflict, LENGTH:Input:24 Counted:23 SEQ:19
L:677 M:252 E: No. of Seq. differs, <211> LENGTH:Input:24 Found:23 SEQ:19
L:685 M:283 W: Missing Blank Line separator, <220> field identifier
L:686 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:20
L:688 M:283 W: Missing Blank Line separator, <400> field identifier
L:696 M:283 W: Missing Blank Line separator, <220> field identifier
L:697 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21
L:699 M:283 W: Missing Blank Line separator, <400> field identifier
L:707 M:283 W: Missing Blank Line separator, <220> field identifier
L:708 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22
L:710 M:283 W: Missing Blank Line separator, <400> field identifier
L:718 M:283 W: Missing Blank Line separator, <220> field identifier
L:719 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:23
L:721 M:283 W: Missing Blank Line separator, <400> field identifier